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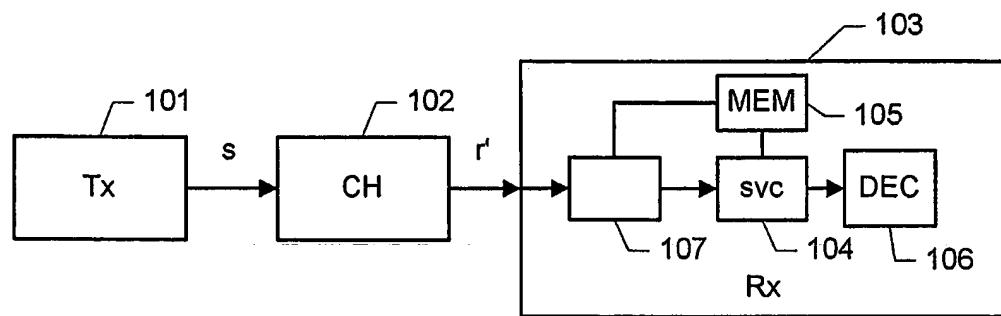


Fig. 1a

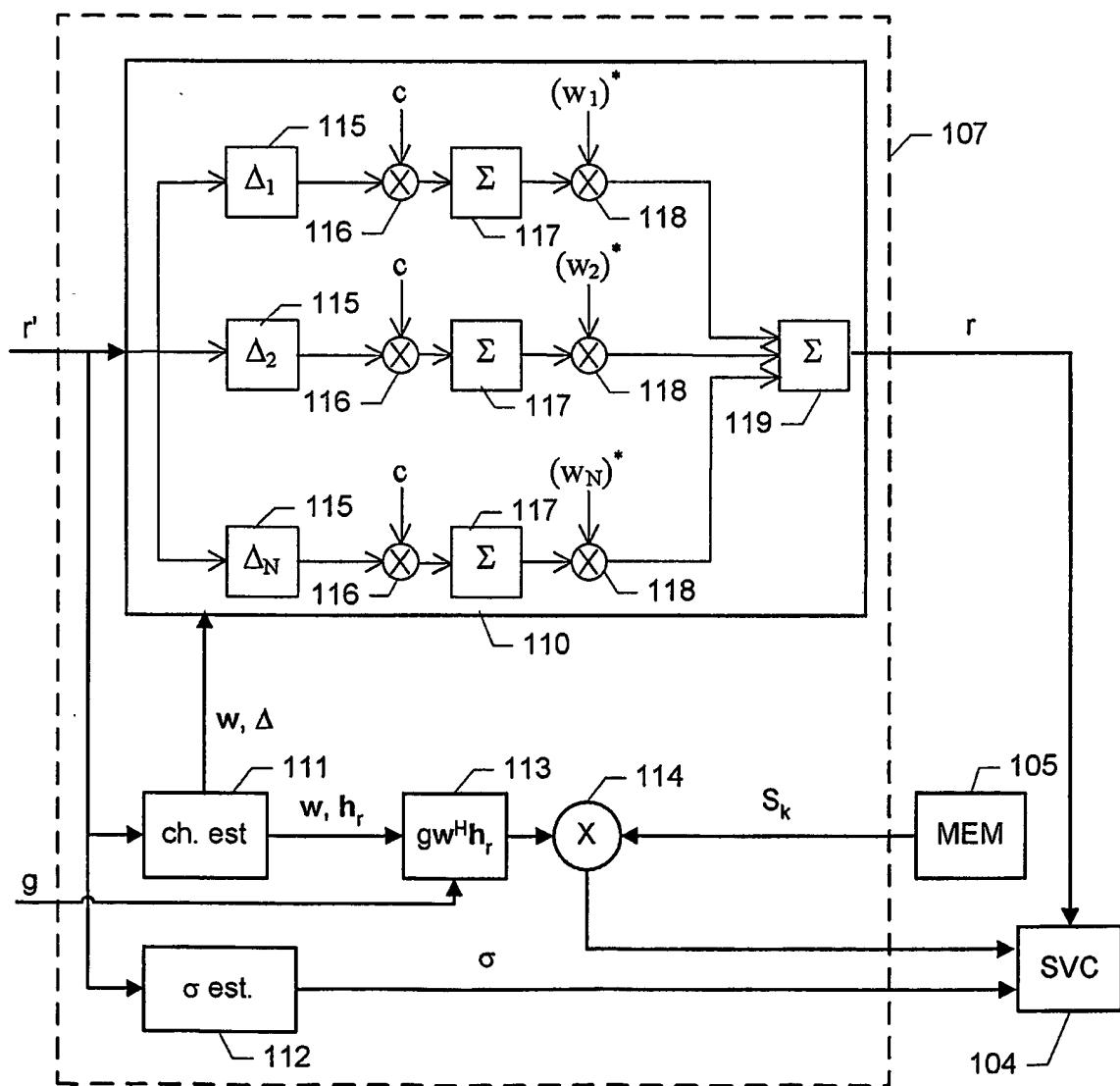


Fig. 1b

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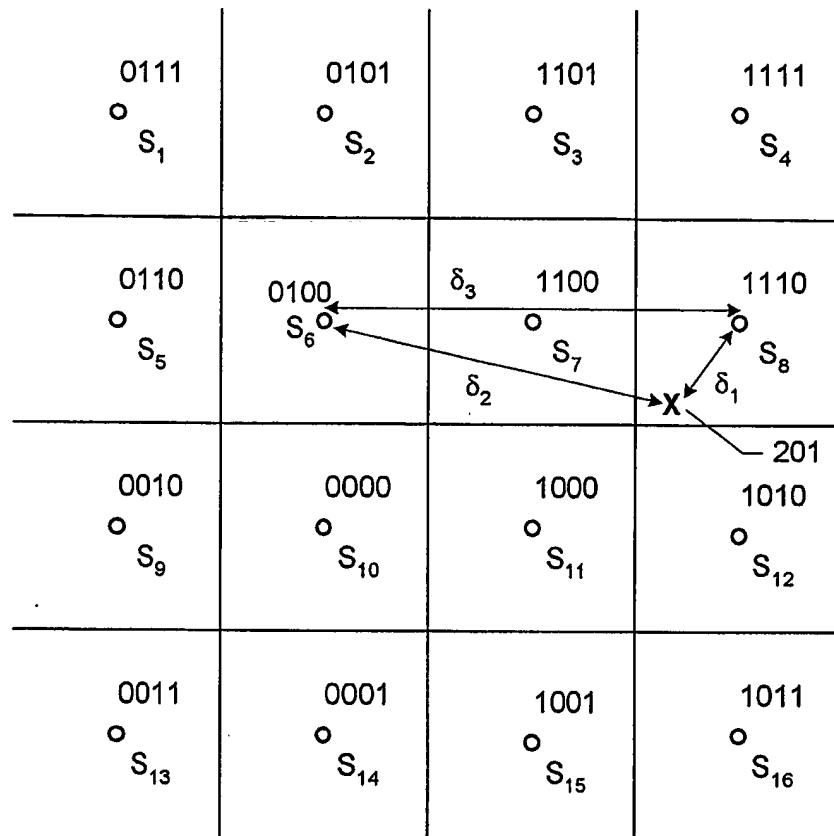


Fig. 2

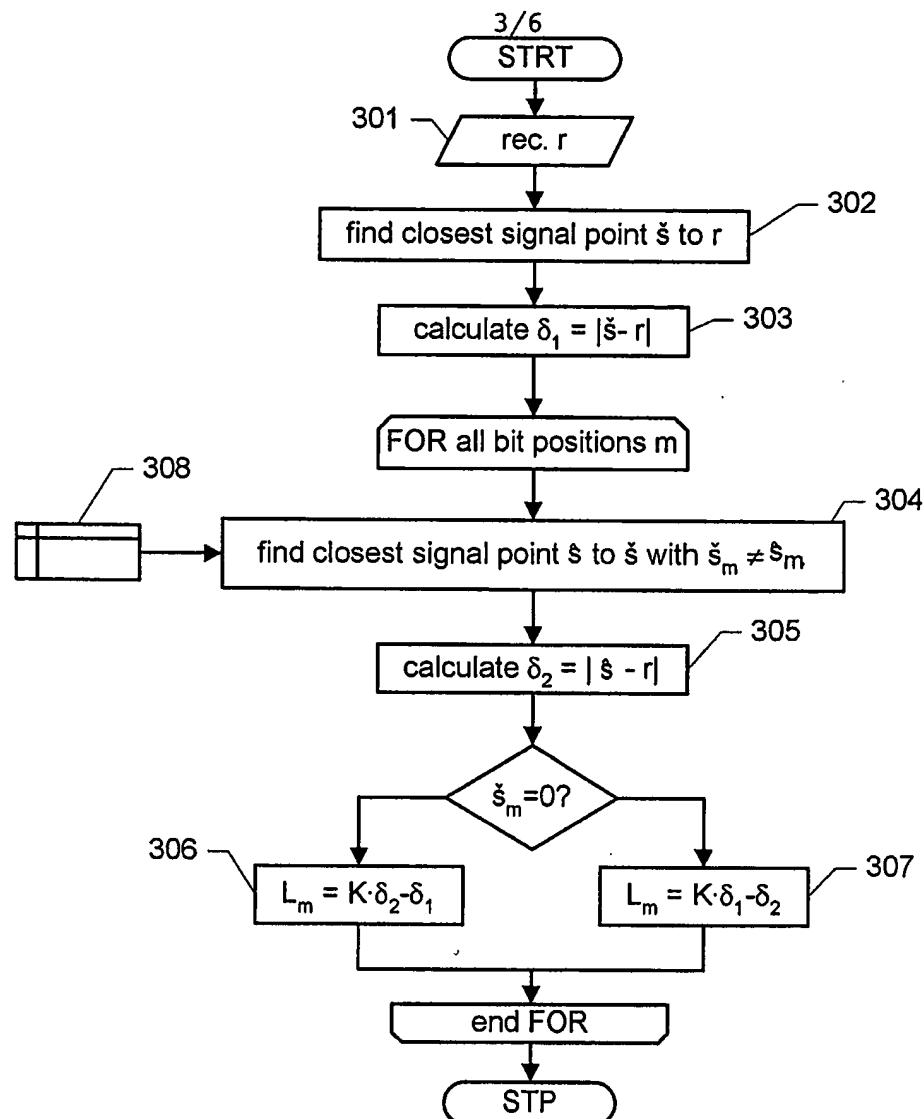


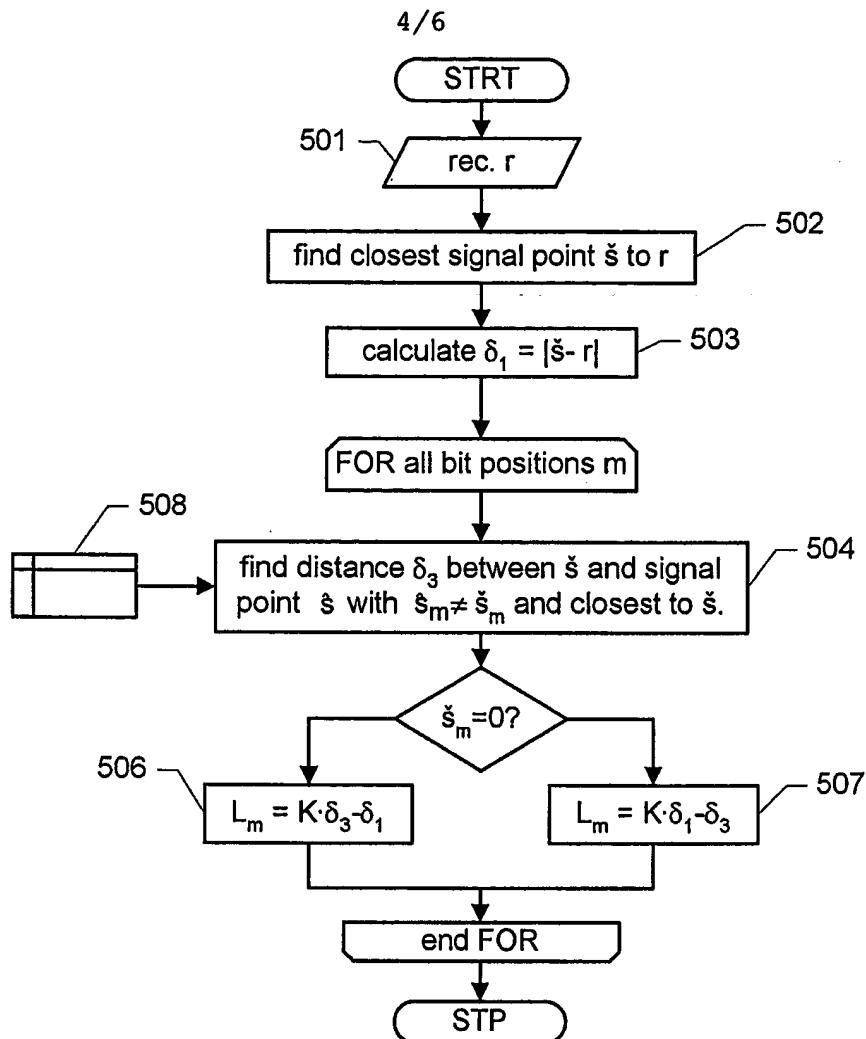
Fig. 3

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	$m = 1$	$m = 2$...	$m = \log_2(M)$
$\check{s} = S_1$	$s = S_3$	$s = S_9$...	$s = S_5$
$\check{s} = S_2$	$s = S_3$	$s = S_{10}$...	$s = S_6$
\vdots	\vdots	\vdots	\ddots	\vdots
$\check{s} = S_M$	$s = S_{14}$	$s = S_8$...	$s = S_{12}$

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Fig. 4

**Fig. 5**

	$m = 1$	$m = 2$...	$m = \log_2(M)$	508
S_1	$d_{1,1}$	$d_{1,2}$...	$d_{1,\log_2(M)}$	
S_2	$d_{2,1}$	$d_{2,2}$...	$d_{2,\log_2(M)}$	
\vdots	\vdots	\vdots	..	\vdots	
S_M	$d_{M,1}$	$d_{M,2}$...	$d_{M,\log_2(M)}$	

Fig. 6

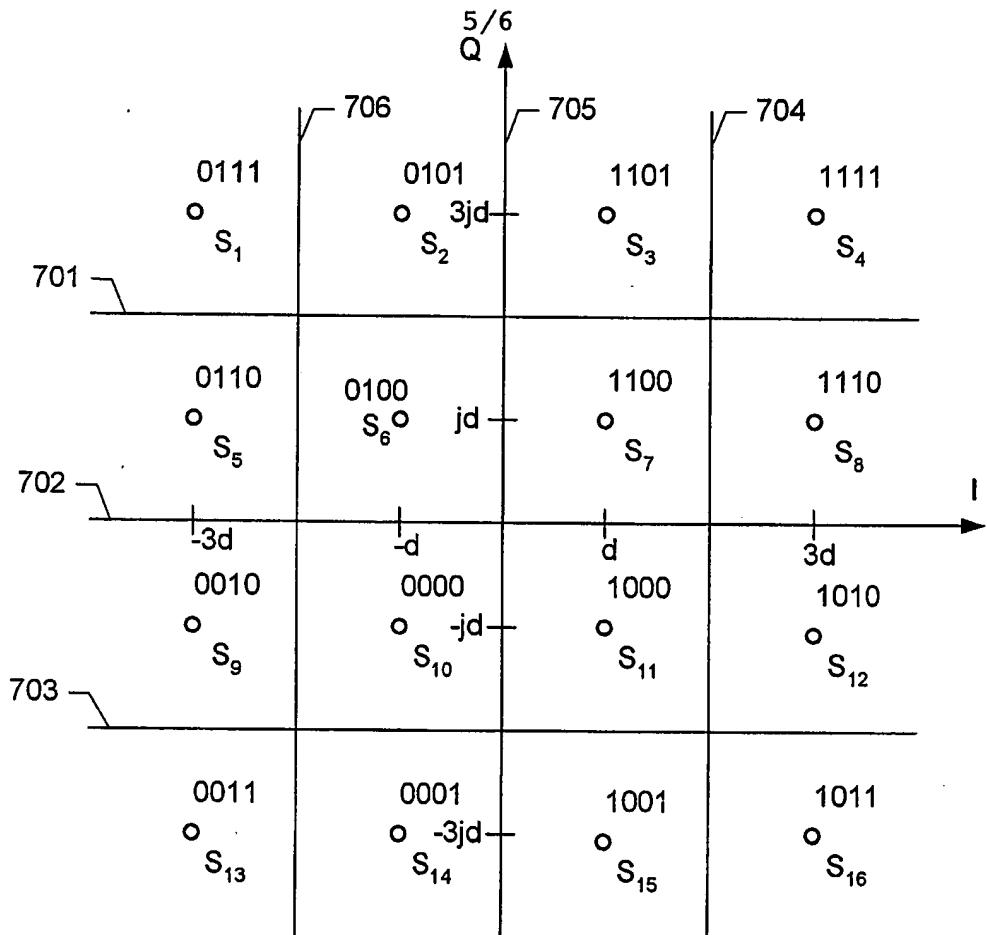


Fig. 7

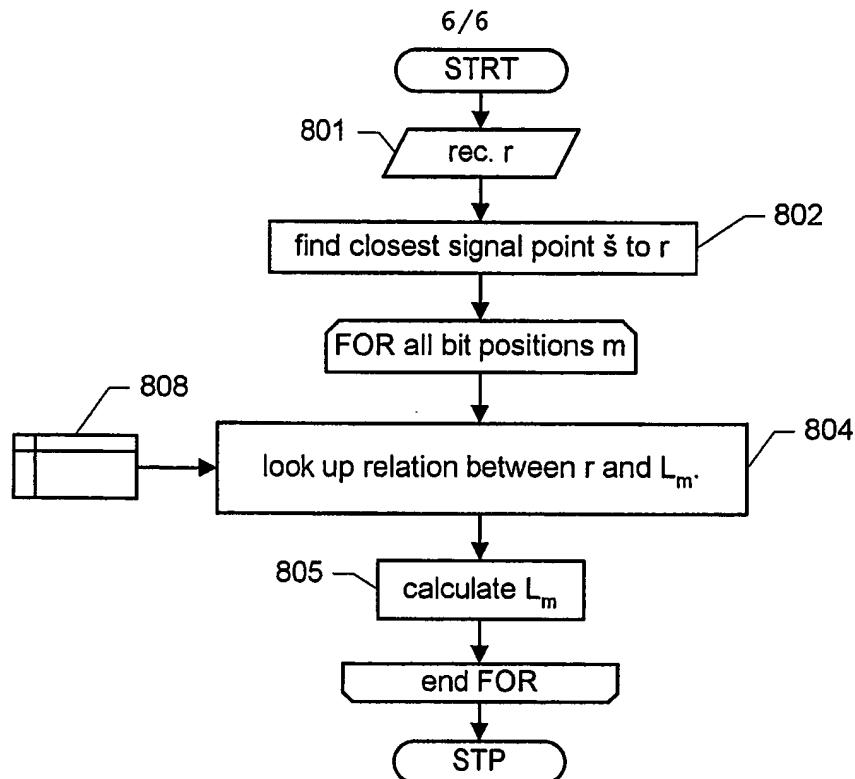


Fig. 8

Decision region	L ₁	L ₂	L ₃	L ₄
S ₁	4K·(2ad-2d ²)	4K·(-2bd+2d ²)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₂	4K·(ad)	4K·(-2bd+2d ²)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₃	4K·(-ad)	4K·(-2bd+2d ²)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₄	4K·(-2ad+2d ²)	4K·(-2bd+2d ²)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₅	4K·(2ad-2d ²)	4K·(-bd)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₆	4K·(ad)	4K·(-bd)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₇	4K·(-ad)	4K·(-bd)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₈	4K·(-2ad+2d ²)	4K·(-bd)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₉	4K·(2ad-2d ²)	4K·(-bd)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₁₀	4K·(ad)	4K·(-bd)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₁₁	4K·(-ad)	4K·(-bd)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₁₂	4K·(-2ad+2d ²)	4K·(-bd)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₁₃	4K·(2ad-2d ²)	4K·(2bd-2d ²)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₁₄	4K·(ad)	4K·(2bd-2d ²)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₁₅	4K·(-ad)	4K·(2bd-2d ²)	4K·(ad-2d ²)	4K·(bd-2d ²)
S ₁₆	4K·(-2ad+2d ²)	4K·(2bd-2d ²)	4K·(ad-2d ²)	4K·(bd-2d ²)

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Fig. 9